

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 277  | 423/25.ccls. 205/570.ccls.   | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2010/04/05 13:31 |
| L2    | 0    | (423/25.ccls. 205/570.ccls.) AND sulfid\$3 WITH (palladium platinum osmium rhenium rhodium gold silver) AND (chloride AND bromide) AND (mixture SAME "aqueous solution") | USPAT  | OR               | ON      | 2010/04/05 13:31 |
| S1    | 12   | ((MOYES ADJ1 JOHN) OR (HOULLIS ADJ1 FRANK)).INV.   | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/03/11 08:39 |
| S2    | 1571 | 423/22,27.ccls. OR 75/711.ccls.  | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/03/11 08:40 |
| S3    | 1    | S1 AND S2  | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/03/11 08:40 |
| S4    | 0    | S1 AND hydrometallurgy   | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/03/11 08:40 |

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| S5  | 0  | \$1 AND hydro<br>\$1metallurgy   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/11<br>08:41 |
| S6  | 17 | ("4878945" "4647307"<br>"4786323" "5820966"<br>"5458866" "4406864"<br>"5827348" "5338338").<br>PN.   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/11<br>08:54 |
| S7  | 8  | ("4878945" "4647307"<br>"4786323" "5820966"<br>"5458866" "4406864"<br>"5827348" "5338338").<br>PN.   | USPAT   | OR | ON | 2009/03/11<br>08:54 |
| S8  | 12 | ("4878945" "4647307"<br>"4786323" "5820966"<br>"5458866" "4406864"<br>"5827348" "5338338"<br>"2283198" "2835569"<br>"4097271" "4551213").<br>PN. | USPAT   | OR | ON | 2009/03/11<br>08:56 |
| S9  | 0  | "20020152845".PN.  | USPAT   | OR | ON | 2009/03/11<br>08:56 |
| S10 | 2  | "20020152845".PN.  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/11<br>08:56 |
| S11 | 7  | "4097271".PN. OR<br>"4647307".PN. OR<br>"5827348".PN.  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>09:01 |
| S12 | 17 | ("4878945" "4647307"<br>"4786323" "5820966"<br>"5458866" "4406864"<br>"5827348" "5338338").<br>PN.   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>09:01 |
| S13 | 8  | ("4878945" "4647307"<br>"4786323" "5820966"<br>"5458866" "4406864"<br>"5827348" "5338338").<br>PN.   | USPAT   | OR | ON | 2009/03/23<br>09:01 |

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| S14 | 12   | ("4878945" "4647307"<br>"4786323" "5820966"<br>"5458866" "4406864"<br>"5827348" "5338338"<br>"2283198" "2835569"<br>"4097271" "4551213").<br>PN.   | USPAT   | OR | ON | 2009/03/23<br>09:01 |
| S15 | 5    | S11 AND (S12 OR S13<br>OR S14)   | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>09:01 |
| S16 | 4    | "2835569".PN.  | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>09:46 |
| S17 | 2    | "4551213".pn.  | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>10:22 |
| S18 | 7449 | (sulphide OR sulfide)<br>WITH (recovering OR<br>recovery OR treatment<br>OR precipitating OR<br>precipitation OR<br>removing OR removal)<br>WITH (gold OR iron OR<br>copper OR platinum OR<br>(precious NEAR2 metal)<br>OR palladium OR silver)            | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>13:27 |
| S19 | 1573 | 423/22,27.ccls. OR<br>75/711.ccls.   | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>13:27 |
| S20 | 217  | (sulphide OR sulfide)<br>WITH (recovering OR<br>recovery OR treatment<br>OR precipitating OR<br>precipitation OR<br>removing OR removal)<br>WITH (gold OR iron OR<br>copper OR platinum OR<br>(precious NEAR2 metal)<br>OR palladium OR silver)<br>AND S19 | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>13:27 |

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| S21 | 1   | S20 AND oxidation   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>13:27 |
| S22 | 63  | S20 AND (oxidation OR oxidized OR oxidizing)<br>AND (carbon SAME cyanide)   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>13:28 |
| S23 | 229 | (sulphide OR sulfide)<br>WITH (recovering OR recovery OR treatment<br>OR precipitating OR precipitation OR<br>removing OR removal<br>OR separating OR separation) WITH (gold<br>OR iron OR copper OR platinum OR (precious<br>NEAR2 metal) OR palladium OR silver)<br>AND S19 | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>13:28 |
| S24 | 63  | S23 AND (oxidation OR oxidized OR oxidizing)<br>AND (carbon SAME cyanide)   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>13:28 |
| S25 | 28  | S24 AND kerosene  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>14:07 |
| S26 | 5   | S24 AND (surfactant SAME kerosene)  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/23<br>14:11 |

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| S27 | 7570 | (sulphide OR sulfide) WITH (recovering OR recovery OR treatment OR precipitating OR precipitation OR removing OR removal) WITH (gold OR iron OR copper OR platinum OR (precious NEAR2 metal) OR palladium OR silver) | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:25 |
| S28 | 1598 | 423/22,27.ccls. OR<br>75/711.cols.   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:25 |
| S29 | 182  | S27 AND S28  | USPAT   | OR | ON | 2009/09/10<br>13:25 |
| S30 | 1    | S29 AND (mixture NEAR3 halide)   | USPAT   | OR | ON | 2009/09/10<br>13:25 |
| S31 | 90   | S29 AND arsenic  | USPAT   | OR | ON | 2009/09/10<br>13:27 |
| S32 | 6    | S31 AND (mixture OR admixture OR combination) WITH halide  | USPAT   | OR | ON | 2009/09/10<br>13:27 |
| S33 | 6    | S31 AND (mixture OR admixture OR combination) WITH halide  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:28 |
| S34 | 90   | S29 AND arsenic  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:29 |
| S35 | 6    | S34 AND (mixture OR admixture OR combination) WITH halide  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:29 |
| S36 | 33   | (S27 OR S28) AND arsenic AND (mixture OR admixture OR combination) WITH halide   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:30 |

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| S37 | 7  | (S27 OR S28) AND arsenic AND (mixture OR admixture OR combination) WITH halide SAME oxidation   | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:31 |
| S38 | 35 | (S27 OR S28) AND arsenic AND (mixture OR admixture OR combination) WITH (halide bromide chloride) SAME oxidation                      | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:34 |
| S39 | 4  | (S27 OR S28) AND arsenic SAME (mixture OR admixture OR combination) WITH (halide bromide chloride) SAME oxidation                     | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:35 |
| S40 | 4  | (S27 OR S28) AND arsenic SAME ((mixture OR admixture OR combination) WITH (halide bromide chloride)) SAME oxidation                   | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:36 |
| S41 | 0  | S28 AND (sulfide OR sulphide) SAME arsenic SAME ((mixture OR admixture OR combination) WITH (halide bromide chloride)) SAME oxidation | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:36 |
| S42 | 5  | S28 AND (sulfide OR sulphide) SAME ((mixture OR admixture OR combination) WITH (bromide chloride)) SAME oxidation                     | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:40 |
| S43 | 2  | "5487819".pn.   | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:46 |

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| S44 | 0   | S43 AND S28  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:46 |
| S45 | 194 | 205/347.ccls.  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:47 |
| S46 | 0   | S45 AND (sulfide OR sulphide) SAME<br>((mixture OR admixture OR combination) WITH (bromide chloride)) SAME oxidation   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:48 |
| S47 | 1   | S45 AND (sulfide OR sulphide) SAME<br>((mixture OR admixture OR combination) WITH (bromide halide chloride))   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/10<br>13:48 |
| S48 | 41  | ("5320585" "2283198"<br>"2835569" "4097271"<br>"4406864" "4551213"<br>"4647307" "4773978"<br>"4786323" "4878945"<br>"5338338" "5458866"<br>"5820966" "5827348"<br>"20030129112").pn. | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>13:25 |
| S49 | 0   | S48 AND (mixture WITH halide)  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>13:27 |
| S50 | 6   | S48 AND (mixture WITH (chlorine chloride bromide bromine iodide iodine fluoride fluorine))   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>13:27 |
| S51 | 6   | S48 AND (mixture WITH (chlorine chloride bromide bromine iodide iodine fluoride fluorine halogen))   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>13:27 |

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| S52 | 5 | S48 AND (mixture<br>WITH (chlorine chloride<br>bromide bromine iodide<br>iodine fluoride fluorine<br>halogen)) SAME (gold<br>silver platinum<br>palladium osmium<br>copper iron copper<br>rhodium rhodium)               | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>13:28 |
| S53 | 5 | S48 AND (mixture<br>WITH (chlorine chloride<br>bromide bromine iodide<br>iodine fluoride fluorine<br>halogen)) SAME (gold<br>silver platinum<br>palladium osmium<br>rhodium rhodium) AND<br>(iron copper)                | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>13:29 |
| S54 | 0 | S48 AND (mixture<br>WITH (bromide AND<br>chloride)) SAME (gold<br>silver platinum<br>palladium osmium<br>rhodium rhodium) AND<br>(iron copper)   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>13:29 |
| S55 | 0 | S48 AND (mixture<br>WITH (bromide AND<br>chloride)) SAME (gold<br>silver platinum<br>palladium osmium<br>rhodium rhodium) AND<br>(iron copper) AND<br>sulfate  | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>13:34 |
| S56 | 3 | S48 AND (mixture<br>WITH (chlorine chloride<br>bromide bromine iodide<br>iodine fluoride fluorine<br>halogen)) SAME (gold<br>silver platinum<br>palladium osmium<br>rhodium rhodium) AND<br>(iron copper) AND<br>sulfate | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>13:34 |

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| S57 | 4    | S48 AND (mixture WITH (chlorine chloride bromide bromine iodide iodine fluoride fluorine halogen)) SAME (gold silver platinum palladium osmium rhenium rhodium) AND (iron copper) AND (sulfide sulfate) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 13:36 |
| S58 | 2    | "4097271".pn. AND (solution SAME chloride)  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:29 |
| S59 | 1    | "4097271".pn. AND (aqueous SAME chloride)   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:30 |
| S60 | 1617 | 423/22,27.ccls. OR 75/711.ccls.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:34 |
| S61 | 8    | S60 AND ((bromide WITH chloride) SAME aqueous) SAME (sulfate sulfide)   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:34 |
| S62 | 5    | S60 AND ((bromide WITH chloride) SAME "aqueous solution") SAME (sulfate sulfide)  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:35 |
| S63 | 1031 | ((bromide WITH chloride) WITH "aqueous solution") SAME (sulfate sulfide)  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:36 |

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| S64 | 8   | ((bromide WITH chloride) WITH "aqueous solution") SAME (sulfate sulfide) AND "75".clas.  | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:36 |
| S65 | 167 | ((bromide chloride) WITH "aqueous solution") SAME (sulfate sulfide) AND "75".clas. NOT S64   | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:40 |
| S66 | 35  | ((bromide chloride) WITH "aqueous solution") SAME ((platinum gold palladium rhenium osmium silver rhodium) WITH (sulfate sulfide)) AND "75".clas. NOT S64                                  | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:40 |
| S67 | 21  | ((bromide chloride) WITH "aqueous solution") SAME ((platinum gold palladium rhenium osmium silver rhodium) NEAR5 (sulfate sulfide)) AND "75".clas. NOT S64                                 | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:43 |
| S68 | 0   | (((HCl "hydrochloric acid") WITH "cupric chloride") WITH "aqueous solution") SAME ((platinum gold palladium rhenium osmium silver rhodium) NEAR5 (sulfate sulfide)) AND "75".clas. NOT S64 | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:47 |
| S69 | 0   | (((HCl "hydrochloric acid") WITH bromide) WITH "aqueous solution") SAME ((platinum gold palladium rhenium osmium silver rhodium) NEAR5 (sulfate sulfide)) AND "75".clas. NOT S64           | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:48 |

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| S70 | 1 | ((HCl "hydrochloric acid") WITH bromide) WITH "aqueous solution") AND ((platinum gold palladium rhenium osmium silver rhodium) NEAR5 (sulfate sulfide)) AND "75".clas. NOT S64          | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:48 |
| S71 | 0 | ((HCl "hydrochloric acid") WITH bromide) SAME "aqueous solution") AND ((platinum gold palladium rhenium osmium silver rhodium) NEAR5 (sulfate sulfide)) AND "75".clas. NOT (S64 OR S70) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:50 |
| S72 | 0 | ((NaCl WITH NaBr)) SAME "aqueous solution") AND ((platinum gold palladium rhenium osmium silver rhodium) NEAR5 (sulfate sulfide)) AND "75".clas. NOT (S64 OR S70)                       | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:50 |
| S73 | 0 | ((NaCl WITH NaBr)) SAME "aqueous solution") AND ((platinum gold palladium rhenium osmium silver rhodium) NEAR5 (sulfate sulfide)) AND ("75".clas. OR "423".clas.)                       | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:51 |
| S74 | 0 | ((NaCl WITH NaBr)) SAME "aqueous solution") AND ((platinum gold palladium rhenium osmium silver rhodium) WITH (sulfate sulfide)) AND ("75".clas. OR "423".clas.)                        | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:51 |

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| S75 | 103 | ((("sodium chloride"<br>"barium chloride"<br>"calcium chloride"))<br>SAME "aqueous<br>solution") AND<br>((platinum gold<br>palladium rhenium<br>osmium silver rhodium)<br>WITH (sulfate sulfide))<br>AND ("75".clas. OR<br>"423".clas.)   | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>14:51 |
| S76 | 91  | S75 AND (( "calcium<br>chloride" WITH "barium<br>chloride") ("calcium<br>chloride" WITH "sodium<br>chloride") ("sodium<br>chloride" "barium<br>chloride")))   | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>14:52 |
| S77 | 86  | ((("calcium chloride"<br>WITH "barium<br>chloride") ("calcium<br>chloride" WITH "sodium<br>chloride") ("sodium<br>chloride" "barium<br>chloride"))) SAME<br>"aqueous solution")<br>AND ((platinum gold<br>palladium rhenium<br>osmium silver rhodium)<br>WITH (sulfate sulfide))<br>AND ("75".clas. OR<br>"423".clas.)  | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>14:54 |
| S78 | 32  | ((("calcium chloride"<br>WITH "barium<br>chloride") ("calcium<br>chloride" WITH "sodium<br>chloride") ("sodium<br>chloride" "barium<br>chloride"))) SAME<br>"aqueous solution")<br>SAME ((platinum gold<br>palladium rhenium<br>osmium silver rhodium)<br>WITH (sulfate sulfide))<br>AND ("75".clas. OR<br>"423".clas.) | US_PGPUB;<br>USPAT;<br>USOOR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/23<br>14:56 |

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|-----|---|---|--|----|----|------------------|
| S79 | 3 | ((("calcium chloride" WITH "barium chloride") ("calcium chloride" WITH "sodium chloride") ("sodium chloride" "barium chloride")))) SAME<br>"aqueous solution"<br>SAME ((platinum gold palladium rhenium osmium silver rhodium) WITH (sulfate sulfide)) AND S60                          | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:56 |
| S80 | 6 | "410496".pn.  | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:57 |
| S81 | 5 | "4410496".pn.   | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:57 |
| S82 | 1 | ((("calcium chloride" WITH "barium chloride") ("calcium chloride" WITH "sodium chloride") ("sodium chloride" "barium chloride")))) WITH mixture) SAME<br>"aqueous solution"<br>SAME ((platinum gold palladium rhenium osmium silver rhodium) WITH (sulfate sulfide)) AND S60            | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 14:59 |
| S83 | 9 | ((("calcium chloride" WITH "barium chloride") ("calcium chloride" WITH "sodium chloride") ("sodium chloride" "barium chloride")))) WITH mixture) SAME<br>"aqueous solution"<br>SAME ((platinum gold palladium rhenium osmium silver rhodium) WITH (sulfate sulfide)) AND ("75".clas. OR | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 15:00 |

|     |   |   |  |    |    |                  |
|-----|---|---|--|----|----|------------------|
|     |   | "423".clas.)  |  |    |    |                  |
| S84 | 0 | "aqueous halide solution" SAME ((platinum gold palladium rhenium osmium silver rhodium) WITH (sulfate sulfide)) AND ("75".clas. OR "423".clas.) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 15:03 |
| S85 | 3 | "aqueous halide solution" AND ((platinum gold palladium rhenium osmium silver rhodium) WITH (sulfate sulfide)) AND ("75".clas. OR "423".clas.)  | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/23 15:03 |
| S86 | 2 | "5487819".pn.   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/24 10:11 |
| S87 | 2 | "5196096".pn.   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/24 10:16 |
| S88 | 2 | "5196095".pn.   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/24 10:17 |
| S89 | 0 | "5487819pn."  | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/24 11:32 |
| S90 | 2 | "5487819".pn.   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/24 11:32 |

|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
| S91 | 794 | bos AND (halide chloride) AND leaching   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/24<br>11:40 |
| S92 | 331 | bos AND (halide chloride) AND leaching AND "423".clas.   | US_PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/24<br>11:40 |
| S93 | 209 | bos AND (halide chloride) AND leaching AND "423".clas.   | USPAT   | OR | ON | 2010/03/24<br>11:41 |
| S94 | 77  | 423/38-40.ccls. AND sulfid\$3 AND (palladium platinum osmium rhenium rhodium gold silver)  | USPAT   | OR | ON | 2010/03/24<br>11:46 |
| S95 | 26  | (423/38-40.ccls. OR 75/744.ccls.) AND sulfid \$3 AND (palladium platinum osmium rhenium rhodium gold silver) AND (mixture SAME "aqueous solution")                             | USPAT   | OR | ON | 2010/03/24<br>11:46 |
| S96 | 6   | (423/38-40.ccls. OR 75/744.ccls.) AND sulfid \$3 AND (palladium platinum osmium rhenium rhodium gold silver) AND (chloride AND bromide) AND (mixture SAME "aqueous solution")  | USPAT   | OR | ON | 2010/03/24<br>11:48 |
| S97 | 2   | (423/38-40.ccls. OR 75/744.ccls.) AND sulfid \$3 WITH (palladium platinum osmium rhenium rhodium gold silver) AND (chloride AND bromide) AND (mixture SAME "aqueous solution") | USPAT   | OR | ON | 2010/03/24<br>11:48 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
|       |      |              |     |                  |         |            |

|     |      |   |             |    |    |                  |
|-----|------|---|-------------|----|----|------------------|
| L3  | 0    | (423/25.ccls.<br>205/570.ccls.) AND<br>sulfid\$3 WITH<br>(palladium platinum<br>osmium rhenium<br>rhodium gold silver)<br>AND (chloride AND<br>bromide) AND<br>(mixture SAME<br>"aqueous solution") | USPAT; UPAD | OR | ON | 2010/04/05 13:31 |
| S98 | 1000 | 423/22,27.ccls. OR<br>75/711.ccls.  | USPAT; UPAD | OR | ON | 2010/04/01 08:52 |
| S99 | 0    | S98 AND (acidic<br>WITH solution).clm.<br>AND sulfidic.clm.<br>AND (mixture WITH<br>halide).clm.  | USPAT; UPAD | OR | ON | 2010/04/01 08:52 |

4/ 5/ 2010 1:31:51 PM

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